Title (en)
TDM switching unit

Title (de)
Zeitmultiplexvermittlungseinheit

Title (fr)
Unité de commutation à multiplexage temporel

Publication
EP 0878979 A1 19981118 (EN)

Application
EP 98303486 A 19980505

Priority
US 85684297 A 19970515

Abstract (en)
In an enhanced form of time switch serial bit streams received in input buffers (101..102) are stored in parallel under program control in the cache of a pipe lined microprocessor (120). The microprocessor, under program control, then rearranges the received time slots and feeds them in parallel to output buffers (111..112) from which serial bit streams are generated. Advantageously, program control is used to flexibly control the various functions of different time switches without requiring a change in the hardware. <IMAGE>

IPC 1-7
H04Q 11/06

IPC 8 full level
H04J 3/00 (2006.01); **H04Q 3/545** (2006.01); **H04Q 11/04** (2006.01); **H04Q 11/06** (2006.01)

CPC (source: EP US)
H04Q 11/06 (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0878979 A1 19981118; **EP 0878979 B1 20060125**; CA 2233341 A1 19981115; CA 2233341 C 20020917; DE 69833300 D1 20060413; DE 69833300 T2 20060810; JP 3961666 B2 20070822; JP H10336775 A 19981218; KR 100310096 B1 20011217; KR 19980087075 A 19981205; US 6049540 A 20000411

DOCDB simple family (application)
EP 98303486 A 19980505; CA 2233341 A 19980330; DE 69833300 T 19980505; JP 13289598 A 19980515; KR 19980017472 A 19980515; US 85684297 A 19970515